WHAT IS CLAIMED IS:

1. A supporting disc for a supporting disc bearing for open-end spinning rotors, comprising a disc-like base body having on its outer circumference a tire-like covering as well as an end face, in which a cylinder-shaped permanent magnet is inserted in a through bore hole and arranged at a distance from the axis of the supporting disc, which through bore hole is filled in by the permanent magnet only up to a gradation of diameters serving as a stopping surface, while the remaining part of the through bore hole serves as a mass balancer and is filled in by a filling material which is lighter in comparison to the specific weight of the permanent magnet and the base body,

wherein the permanent magnet is arranged in the transition area between the base body and the tire-like cover, and

wherein the part of the through bore hole not filled out by the permanent magnet is filled out by the tire-like cover.

2. A supporting disc according to claim 1, wherein the base body comprises on its outer circumference an annular ring which anchors the tire-like cover, in which the annular ring, the through bore hole with the gradation of diameters is located.

3. A supporting disc according to claim 1, wherein the permanent magnet projects out of the through bore hole on the side facing away from the gradation of diameters and is fixed in this area by the tire-like cover.

4. A supporting disc according to claim 1, wherein the permanent magnet projects out of the through bore hole on the side facing away from the gradation of diameters and is fixed in this area by the tire-like cover.

5. A supporting disc according to claim 1, wherein the gradation of diameters is located approximately in the center of the through bore hole.

6. A supporting disc according to claim 2, wherein the gradation of diameters is located approximately in the center of the through bore hole.

7. A supporting disc according to claim 3, wherein the gradation of diameters is located approximately in the center of the through bore hole.

8. A supporting disc for a supporting disc bearing for supporting an open-end spinning rotor shaft, comprising:

a disc-like base body made of a first material,

a stepped through bore hole extending axially through the base body at a distance from a central base body axis,

a permanent magnet disposed in the through bore hole and supported at a stop surface step of the through bore hole, said permanent magnet being made of a second material, and

a tire-like cover surrounding the base body and filling portions of the through bore hole not occupied by the permanent magnet, said cover being formed of a third material which a lower specific weight than the first and

second material, said tire like cover material service as a mass balancer for said supporting disc.

9. A supporting disc according to claim 8, wherein the base body includes an annular ring on its outer circumference which anchors the tire-like cover, and

wherein said stepped through bore extends through the annular ring.

10. A supporting disc according to claim 8, wherein the tire like cover covers both axial end faces of the permanent magnet.

11. A method of making the disc of claim 8, comprising the sequential steps of:

forming the base body,

boring the stepped through bore hole in the base body,

axially inserting the permanent magnet into the bore hole until it is supported at the stop surface step thereof, and

molding the tire like cover onto the base body and over both axial end faces of the magnet.